## **EAST Search History**

## **EAST Search History (Prior Art)**

| Ref #      | Hits | Search Query   | DBs  | Default<br>Operator | Plurals | Time Stamp          |
|------------|------|--|--|---------------------|---------|---------------------|
| S1         | 562  | (370/206).cdls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/11/19<br>18:32 |
| S2         | 1157 | (370/208).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/11/16<br>16:11 |
| S4         | 3    | S2 and (microcell or microcell)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/11/16<br>16:13 |
| S5         | 7249 | (370/328-331).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/11/16<br>16:17 |
| <b>S</b> 6 | 27   | S5 and (microcell or<br>macrocell) near2 (BS or<br>base station)                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/11/16<br>16:39 |
| S7         | 1492 | (370/343-345).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/11/16<br>16:38 |
| <b>S</b> 8 | 8    | S7 and (microcell or<br>macrocell) near2 (BS or<br>base station)                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/11/16<br>16:47 |
| S9         | 6    | S7 and (microcell or<br>macrocellor<br>microstation) near2 (BS<br>or base station) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ                 | ON      | 2007/11/16<br>16:49 |

| S10 | 2679 | (455/449-450).ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/11/16<br>17:02 |
|-----|------|---|--|-----|----|---------------------|
| S11 | 1    | 10/553951   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/11/16<br>17:02 |
| S12 | 2677 | (370/328).ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/11/16<br>17:03 |
| S13 | 7    | S12 and (micocell or<br>macrocell or<br>micorstation) near2 (BS<br>or base station) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/11/16<br>17:05 |
| S14 | 488  | S12 and (network near2 controller)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/11/16<br>17:05 |
| S15 | 18   | "370".clas. and (radio<br>near2 cell near2<br>structure)                            | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/11/16<br>17:14 |
| S19 | 2    | "6940827".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2007/11/20<br>10:06 |
| S20 | 593  | (370/206).ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/07<br>17:26 |
| S21 | 1316 | (370/208).ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/07<br>17:27 |
| S22 | 8507 | (370/328-331).ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/07<br>17:27 |

| S23         | 27   | S22 and (microcell or<br>macrocell or<br>microstation) near2 (BS<br>or base station)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/07<br>17:27 |
|-------------|------|--|--|-----|----|---------------------|
| S24         | 1    | ((ANDREA) near2<br>(CALCAGNO)).INV.  | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/07/07<br>17:32 |
| S25         | 1    | ((ENRICO) near2<br>(BURACCHINI)).INV.  | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/07/07<br>17:32 |
| S26         | 2    | "6546251".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/07<br>17:39 |
| S30         | 6    | ("6163694" or<br>"6201966" or<br>"6628942").pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/08<br>09:05 |
| S35         | 2930 | (455/449-450).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/08<br>14:15 |
| S36         | 949  | (455/437).cds.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/08<br>14:16 |
| <b>S</b> 37 | 661  | (455/338).cds.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/08<br>14:17 |
| S39         | 1    | S36 and (microstation<br>or microcell or<br>macrostation) same<br>(radio near2 controll\$3)<br>near3 (base near2<br>station) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/08<br>14:19 |
| S43         | 4993 | (370/338).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/08<br>14:33 |
| S45         | 43   | S43 and(microstation or microcell or macrostation)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/07/08<br>14:34 |

| S46 | 1    | ((ANDREA) near2<br>(CALCAGNO)).INV.   | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/10/21<br>09:12 |
|-----|------|---|--|-----|----|---------------------|
| S47 | 1    | ((ENRICO) near2<br>(BURACCHINI)).INV.   | US-PGPUB;<br>USPAT   | ADJ | ON | 2008/10/21<br>09:13 |
| S48 | 607  | (370/206).ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>09:14 |
| S49 | 1377 | (370/208).ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>09:14 |
| S54 | 9064 | (370/328-331).ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>10:49 |
| S55 | 1797 | (370/343-345).ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>10:49 |
| S56 | 3363 | (370/328).cds.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>10:49 |
| S57 | 5284 | (370/338).cds.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>10:49 |
| S58 | 3    | S54 and (hand-off or roam\$3) with (mcarocell or microstation or microcell or (large or small near2 (cell))with (ofdm or multicarrier or multi-carrier near3 (service)))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>10:51 |
| S59 | 670  | (hand-off or roam\$3 or<br>switch\$2 or chang\$3 or<br>alter\$3) with (macrocell<br>or microstation or<br>microcell or (large or<br>small near2 (cell))with<br>(ofdm or multicarrier or<br>multi-carrier near3<br>(service))) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>10:53 |

| S60 | 15   | S59 and (packet or frame or PDU) near2 (service\$1)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>10:53 |
|-----|------|--|--|-----|----|---------------------|
| S61 | 6    | (hand-off or roam\$3 or<br>switch\$2 or chang\$3 or<br>alter\$3 or adjust\$3)<br>near3 (ofdm or<br>multicarrier or multi-<br>carrier near3 (service)))<br>with (macrocell or<br>microstation or<br>microcell or (large or<br>small near2 (cell)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>10:57 |
| S62 | 4    | S49 and(microstation of macrostaion or microcell or (smal or large near2 (cell\$1)) same (base near2 station) with (ofdm or multi-carrier or multicarrier))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>10:58 |
| S63 | 4    | S49 and(microstation of macrostation or microcell or (smal or large near2 (cell\$1)) same (base near2 station)with (ofdm or multi-carrier or multicarrier))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>10:58 |
| S64 | 2    | "7286826".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>11:28 |
| S65 | 1282 | (455/437-438).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>12:03 |
| S66 | 80   | S65 and (microstation of macrostaion or microcell or (smal or large near2 (cell\$1)) same (base near2 station) with (ofdm or multi-carrier or multicarrier))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>12:04 |

| S67 | 0   | (hand-off)same (roam<br>\$3 or switch\$2 or chang<br>\$3 or alter\$3 or adjust<br>\$3 or register\$3)near3<br>(ofdm or multicarrier or<br>multi-carrier near3<br>(service))) with<br>(macrocell or<br>microstation or<br>microcell or (large or<br>small near2 (cell))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>12:38 |
|-----|-----|---|--|-----|----|---------------------|
| S68 | 0   | (hand-off)near5 (roam<br>\$3 or switch\$2 or chang<br>\$3 or alter\$3 or adjust<br>\$3 or register\$3)near3<br>(ofdm or multicarrier or<br>multi-carrier near3<br>(service))) with<br>(macrocell or<br>microstation or<br>microcell or (large or<br>small near2 (cell)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>12:38 |
| S69 | 6   | (roam\$3 or switch\$2 or chang\$3 or alter\$3 or adjust\$3 or register\$3) near3 (ofdm or multicarrier or multicarrier near3 (service))) with (macrocell or microstation or microcell or (large or small near2 (cell))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>12:38 |
| S70 | 6   | (roam\$3 or switch\$2 or chang\$3 or alter\$3 or adjust\$3 or register\$3) near3 (ofdm or multicarrier or multicarrier near3 (service))) with (macrocell or microstation or microcell or (large or small near2 (cell))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>12:40 |
| S71 | 808 | (roam\$3 or switch\$2 or<br>chang\$3 or alter\$3 or<br>adjust\$3 or register\$3)<br>near3 (ofdm or<br>multicarrier or multi-<br>carrier near3 (service))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>12:40 |

| S72 | 6    | S71 and (ofdm or<br>multicarrier or multi-<br>carrier near3 (service)))<br>with (macrocell or<br>microstation or<br>microcell or (large or<br>small near2 (cell)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>12:41 |
|-----|------|---|--|-----|----|---------------------|
| S73 | 808  | S71 and (ofdm or<br>multicarrier or multi-<br>carrier near3 (service))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>12:41 |
| S74 | 28   | S73 and (hand-off or (hand near2 off))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/21<br>12:42 |
| S75 | 0    | (370/432.1).ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/22<br>12:41 |
| S76 | 1328 | (455/432.1).ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/22<br>12:42 |
| S77 | 231  | (455/432.2).ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/22<br>12:42 |
| S78 | 64   | S76 and S77   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/22<br>12:42 |
| S79 | 6    | S76 and (microcell or<br>macrocell) near2 (BS or<br>base station)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/22<br>12:48 |
| S80 | 0    | S77 and (microcell or<br>macrocell) near2 (BS or<br>base station)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/22<br>12:50 |

| S81 | 5561 | (microstation of macrostation or microcell or (smal or large near2 (cell\$1)) same (base near2 station) with (ofdm or multi-carrier or multicarrier))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/22<br>13:02 |
|-----|------|--|--|-----|----|---------------------|
| S82 | 4    | S81 and (chang\$3 or<br>switch\$2 or register\$3<br>or alter\$3) with (hand-<br>off or (hand near2 off))<br>with (servic\$2)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/22<br>13:03 |
| S83 | 61   | S81 and (chang\$3 or<br>switch\$2 or register\$3<br>or alter\$3) with (hand-<br>off or (hand near2 off))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/22<br>13:05 |
| S84 | 6    | 10/213601  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/22<br>13:40 |
| S85 | 94   | (hand-off or (hand<br>near2 off))same<br>(microcell or macrocell<br>or microstation or<br>(small or large near2<br>(cell)))with (service or<br>(packet or data or<br>frame near2<br>(transmission))) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/22<br>15:16 |
| S86 | 7    | S85 and (ofdm or multi-<br>carrier or multicarrier)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/22<br>15:17 |
| S87 | 763  | (hand-off or (hand<br>near2 off))same<br>(microcell or macrocell<br>or microstation or cell<br>\$1)with (service or<br>(packet or data or<br>frame near2<br>(transmission)))                         | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/22<br>15:18 |
| S88 | 33   | S87 and (ofdm or multi-<br>carrier or multicarrier)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/22<br>15:18 |

| <b>S</b> 89 | O   | (hand-off or (hand near2 off)) near3 (microcell or macrocell or microstation or cell \$1) with (packet or data or frame near2 (transmission)) with (ofdm or multicarrier or mlti-carrier)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/22<br>15:21 |
|-------------|-----|--|--|-----|----|---------------------|
| S90         | 0   | (hand-off or (hand near2 off)) near3 (microcell or macrocell or microstation or cell \$1) with (packet or data or frame near2 (transmission)) with (ofdm or multicarrier or multi-carrier) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/22<br>15:21 |
| S91         | 110 | (hand-off or (hand<br>near2 off))near3<br>(microcell or macrocell<br>or microstation or cell<br>\$1)with (packet or data<br>or frame near2<br>(transmission))                              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/22<br>15:22 |
| S92         | 0   | S91 and w(ofdm or<br>multicarrier or multi-<br>carrier)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2008/10/22<br>15:22 |
| S93         | 1   | ((ANDREA) near2<br>(CALCAGNO)).INV.  | US-PGPUB;<br>USPAT   | ADJ | ON | 2009/03/27<br>16:30 |
| S94         | 3   | ((ENRICO) near2<br>(BURACCHINI)).INV.  | US-PGPUB;<br>USPAT   | ADJ | ON | 2009/03/27<br>16:31 |
| S98         | 598 | (adjust\$3 or updat\$3)<br>same (multi-carrier or<br>multicarrier near2<br>(access))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/27<br>16:35 |
| S99         | 0   | S98 and (PDU or packet<br>near2 (service))same<br>(microcell or macrocell<br>or microstation near2<br>(controller))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/27<br>16:36 |
| S100        | 4   | S98 and (microcell or<br>macrocell or<br>microstation near2<br>(controller))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/27<br>16:37 |

| S101 | 305  | \$98 and (microcell or<br>macrocell or<br>microstation or (small<br>or large near2 (cell or<br>area)))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/27<br>16:38 |
|------|------|--|--|-----|----|---------------------|
| S102 | 37   | S101 and (radio near2<br>station)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/27<br>16:39 |
| S103 | 2020 | (hand-off or (hand<br>near2 off))same<br>(microcell or macrocell<br>or microstation or<br>(small or large near2<br>(cell)))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/27<br>16:44 |
| S104 | 0    | S103 and (adjust\$3 or<br>chang\$3 or updat\$3)<br>same (apcket or PDU<br>near2 (service))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/27<br>16:45 |
| S105 | 63   | S103 and (adjust\$3 or<br>chang\$3 or updat\$3)<br>same (packet or PDU<br>near2 (service))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/27<br>16:45 |
| S106 | 5806 | (microstation of macrostaion or microcell or (smal or large near2 (cell\$1)) same (base near2 station) with (ofdm or multi-carrier or multicarrier))                                     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/27<br>16:51 |
| S107 | 9    | S106 and (adjust\$3 or<br>updat\$3 or chan\$3 or<br>switch\$2 or alter\$3)<br>with (BS or (base near2<br>station))with (multi-<br>carrier or ofdm or<br>multicarrier near2<br>(service)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/27<br>16:51 |
| S108 | 2    | "6256500".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/27<br>17:15 |
| S109 | 2    | "20030054807"  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/27<br>17:16 |

| S110 | 9    | S106 and (adjust\$3 or<br>updat\$3 or chan\$3 or<br>switch\$2 or alter\$3 or<br>handoff) with (BS or<br>(base near2 station))<br>with (multi-carrier or<br>ofdm or multicarrier<br>near2 (service)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/27<br>17:22 |
|------|------|---|--|-----|----|---------------------|
| S111 | 785  | (hand-off or (hand<br>near2 off))same<br>(microcell or macrocell<br>or microstation or cell<br>\$1)with (service or<br>(packet or data or<br>frame near2<br>(transmission)))                        | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/27<br>17:25 |
| S112 | 0    | S111 and (ofdm or<br>multi-carrier or<br>multicarrier) near2<br>(service)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/27<br>17:25 |
| S113 | 7    | S111 and (ofdm or<br>multi-carrier or<br>multicarrier) same<br>(service)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/27<br>17:25 |
| S114 | 2    | S111 and (ofdm ) same<br>(service)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/27<br>17:32 |
| S116 | 74   | (PDU or packet)same<br>(data near2 service)<br>with (OFDM or multi-<br>carrier or multicarrier)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/27<br>17:37 |
| S117 | 3    | S116 and(microstation of macrostaion or microcell or (smal or large near2 (cell\$1)) same (base near2 station)with (ofdm or multi-carrier or multicarrier))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/27<br>17:37 |
| S118 | 1420 | (455/432.1).ccls.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/28<br>18:37 |

| S119 | 623   | (370/206).ccls.                       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/28<br>18:37 |
|------|-------|---------------------------------------|--|-----|----|---------------------|
| S120 | 1456  | (370/208).ccls.                       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/28<br>18:37 |
| S121 | 10070 | (370/328-331).ccls.                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/28<br>18:37 |
| S122 | 3214  | (455/449-450).ccls.                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/28<br>18:37 |
| S123 | 1020  | (455/437).ccls.                       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/28<br>18:37 |
| S124 | 666   | (455/338).ccls.                       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/03/28<br>18:38 |
| S125 | 1     | ((ANDREA) near2<br>(CALCAGNO)).INV.   | US-PGPUB;<br>USPAT   | ADJ | ON | 2009/10/10<br>11:53 |
| S126 | 4     | ((ENRICO) near2<br>(BURACCHINI)).INV. | US-PGPUB;<br>USPAT   | ADJ | ON | 2009/10/10<br>11:53 |
| S127 | 11655 | (370/328-331).ccls.                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>11:56 |
| S128 | 4310  | (370/328).ccls.                       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>11:56 |
| S129 | 2163  | (370/343-345).ccls.                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>11:56 |

| S130 | 3458 | (455/449-450).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>11:57 |
|------|------|--|--|-----|----|---------------------|
| S131 | 3348 | (370/331).cds.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>12:26 |
| S132 | 214  | S128 and S131  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>12:26 |
| S133 | 0    | S132 and (handoff or<br>hand-off or updat\$3 or<br>refresh\$3)with (multi-<br>carrier or multicarrier<br>Or (OFDM near2<br>service))with ((base<br>near2 station) or BS) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>12:30 |
| S134 | 43   | (handoff or hand-off or<br>updat\$3 or refresh\$3)<br>with (multi-carrier or<br>multicarrier Or (OFDM<br>near2 service))with<br>((base near2 station) or<br>BS)          | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>12:30 |
| S135 | 320  | (455/444).cds.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>12:49 |
| S136 | 0    | S135 and (handoff or<br>hand-off or updat\$3 or<br>refresh\$3)with (multi-<br>carrier or multicarrier<br>Or (OFDM near2<br>service))with ((base<br>near2 station) or BS) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>12:49 |
| S137 | 1    | S135 and (handoff or<br>hand-off or updat\$3 or<br>refresh\$3)with (multi-<br>carrier or multicarrier<br>Or (OFDM near2<br>service))                                     | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>12:49 |
| S138 | 10   | S135 and (handoff or<br>hand-off or updat\$3 or<br>refresh\$3)with (packet<br>or frame near2<br>(service))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>12:51 |

| S139 | 1   | S135 and (handoff or<br>hand-off or updat\$3 or<br>refresh\$3)with (multi-<br>carrier or multicarrier<br>near2 (service))                   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>12:57 |
|------|-----|---|--|-----|----|---------------------|
| S140 | 132 | (handoff or hand-off or<br>updat\$3 or refresh\$3)<br>with (multi-carrier or<br>multicarrier near2<br>(service))                            | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>12:58 |
| S141 | 80  | (PDU or packet)same<br>(data near2 service)<br>with (OFDM or multi-<br>carrier or multicarrier)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>13:07 |
| S142 | 3   | S141 and(microstation<br>of macrostaion or<br>microcell or macrocell<br>or (smal or large near2<br>(cell\$1))) same (base<br>near2 station) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>13:08 |
| S143 | 5   | S141 and(handoff or<br>hand-off or updat\$3)<br>with (base near2<br>station)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>13:10 |
| S144 | 108 | S135 and (handoff or<br>hand-off or updat\$3 or<br>refresh\$3)with ((base<br>near2 station) or BS)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>13:16 |
| S145 | 43  | S144 and(microstation<br>of macrostaion or<br>microcell or macrocell<br>or (smal or large near2<br>(cell\$1)))                              | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>13:17 |
| S146 | 8   | S144 and (ofdm or<br>multi-carrier or<br>multicarrier near2<br>(service))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>13:28 |
| S147 | 78  | S131 and(microstation<br>of macrostaion or<br>microcell or macrocell<br>or (smal or large near2<br>(cell\$1))) same (base<br>near2 station) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>13:35 |
| S148 | 42  | S147 and (handoff or<br>hand-off or updat\$3 or<br>refresh\$3)with ((base<br>near2 station) or BS)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/10<br>13:35 |

| S149 | 86   | (updat\$3 or handoff or<br>hand-off)same (CDMA<br>or OFDM)same ((radio<br>near2 access)or<br>(multicarrier or multi-<br>carrier))same (packet or<br>data near2 (service or<br>transmission)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/14<br>15:52 |
|------|------|--|--|-----|----|---------------------|
| S150 | 0    | S149 and (microcell or<br>macrocell or<br>microstation) near2 (BS<br>or base station)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/14<br>15:52 |
| S151 | 0    | (updat\$3 or handoff or<br>hand-off)near2 (OFDM)<br>same ((radio near2<br>access)or (multicarrier<br>or multi-carrier))same<br>(packet or data near2<br>(service or<br>transmission))        | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/14<br>16:01 |
| S152 | 89   | (updat\$3 or handoff or hand-off) near2 (OFDM)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/14<br>16:01 |
| S153 | 18   | (updat\$3 or handoff or<br>hand-off)same<br>(multicarrier or multi-<br>carrier) same (macrocell<br>or microcell or (small or<br>large or big near2 (cell<br>or area)))                       | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/14<br>16:21 |
| S154 | 2    | "6940827".pn.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/14<br>16:28 |
| S155 | 1403 | (updat\$3 or handoff or<br>hand-off)near2 (BS or<br>base station)same<br>(macrocell or microcell<br>or (small or large or big<br>near2 (cell or area)))                                      | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/10/14<br>16:30 |
| S156 | 6    | S155 and (multicarrier or multi-carrier near2 (service))   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/10/14<br>16:31 |

| S157 | 1408 | (updat\$3 or handoff or<br>hand-off)with (BS or<br>(base near2station))<br>with (macrocell or<br>microcell or (small or<br>large or big near2 (cell<br>or area)))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/10/14<br>16:33 |
|------|------|--|--|-----|----|---------------------|
| S158 | 1    | S157 and(roam\$3 or<br>switch\$2 or chang\$3 or<br>alter\$3 or adjust\$3 or<br>register\$3)near3 (ofdm<br>or multicarrier or multi-<br>carrier near3 (service))  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/14<br>16:35 |
| S159 | 0    | S158 and (network<br>near2 controllers)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/10/14<br>16:36 |
| S160 | 104  | S157 and (network<br>near2 controllers)  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/10/14<br>16:36 |
| S161 | 320  | (455/444).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/14<br>17:22 |
| S162 | 17   | S161 and(updat\$3 or<br>handoff or hand-off)<br>with (BS or (base<br>near2station))with<br>(macrocell or microcell<br>or (small or large or big<br>near2 (cell or area)))                                | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/10/14<br>17:22 |
| S163 | 1514 | (455/432.1).ccls.  | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/14<br>17:36 |
| S164 | 3    | S163 and(updat\$3 or<br>handoff or hand-off)<br>same (CDMA or OFDM)<br>same ((radio near2<br>access)or (multicarrier<br>or multi-carrier))same<br>(packet or data near2<br>(service or<br>transmission)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/14<br>17:36 |

| S165 | 0 | S163 and(updat\$3 or<br>handoff or hand-off)<br>near2(OFDM or<br>multicarrier or multi-<br>carrier)same (radio<br>near2 access)same<br>(packet or data near2<br>(service or<br>transmission)) | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/14<br>17:38 |
|------|---|---|--|-----|----|---------------------|
| S166 | 1 | S163 and(updat\$3 or<br>handoff or hand-off)<br>near2(OFDM or<br>multicarrier or multi-<br>carrier)   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | ADJ | ON | 2009/10/14<br>17:38 |
| S167 | 2 | "6289356".pn.   | US-PGPUB;<br>USPAT; USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR  | ON | 2009/10/14<br>17:57 |

10/15/2009 5:31:39 PM

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